

Inventors: Chen et al. Docket No: M&G 50037.11US01

2/9

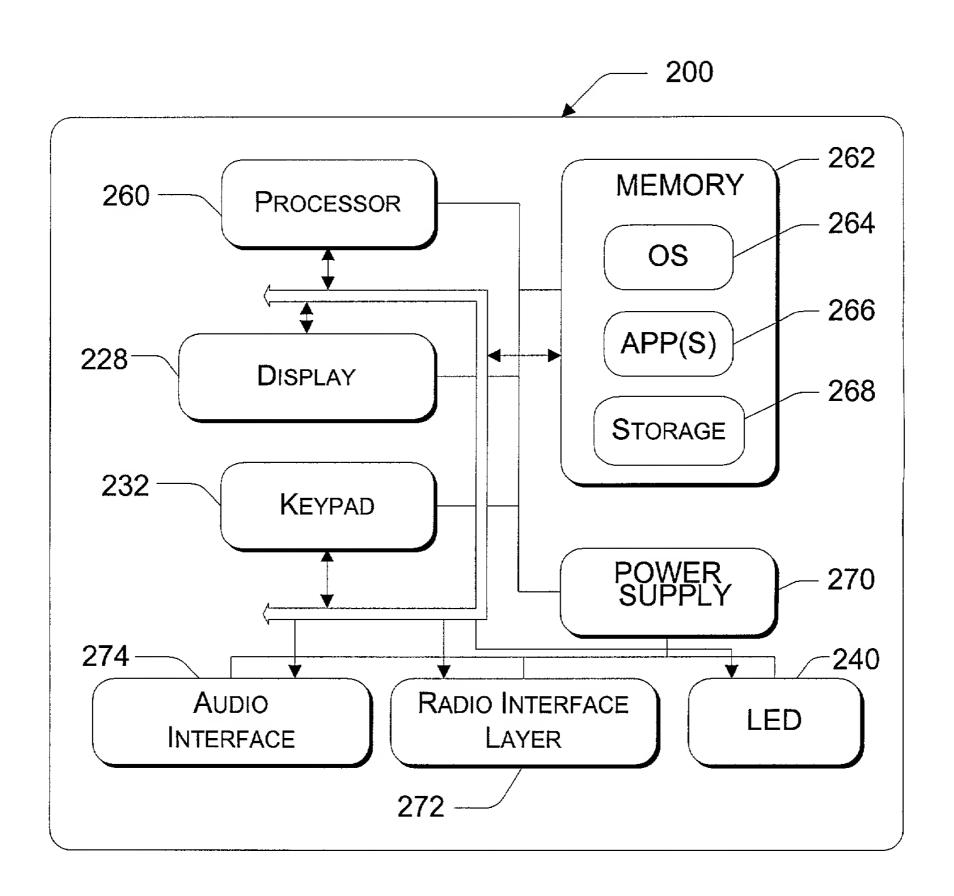
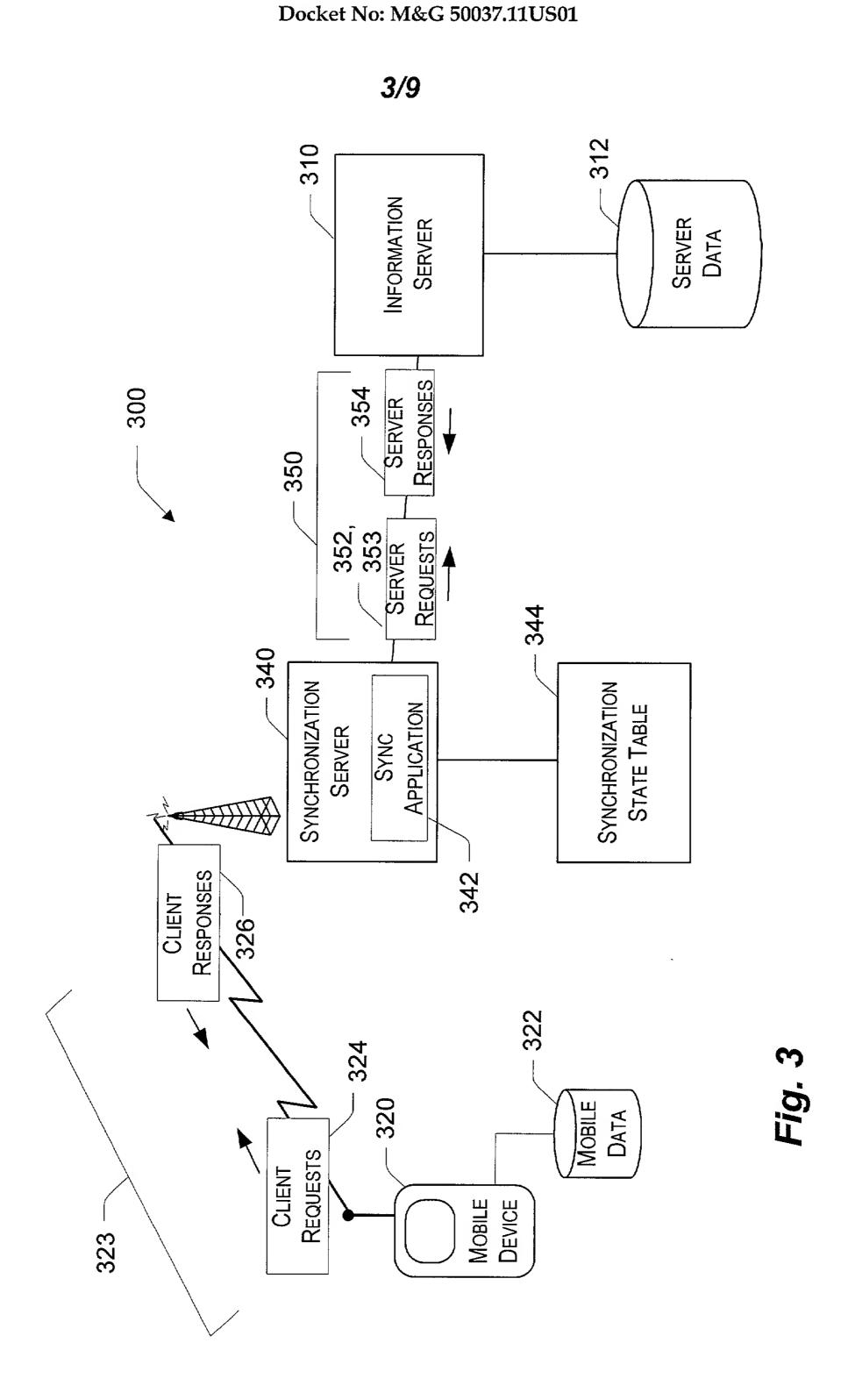
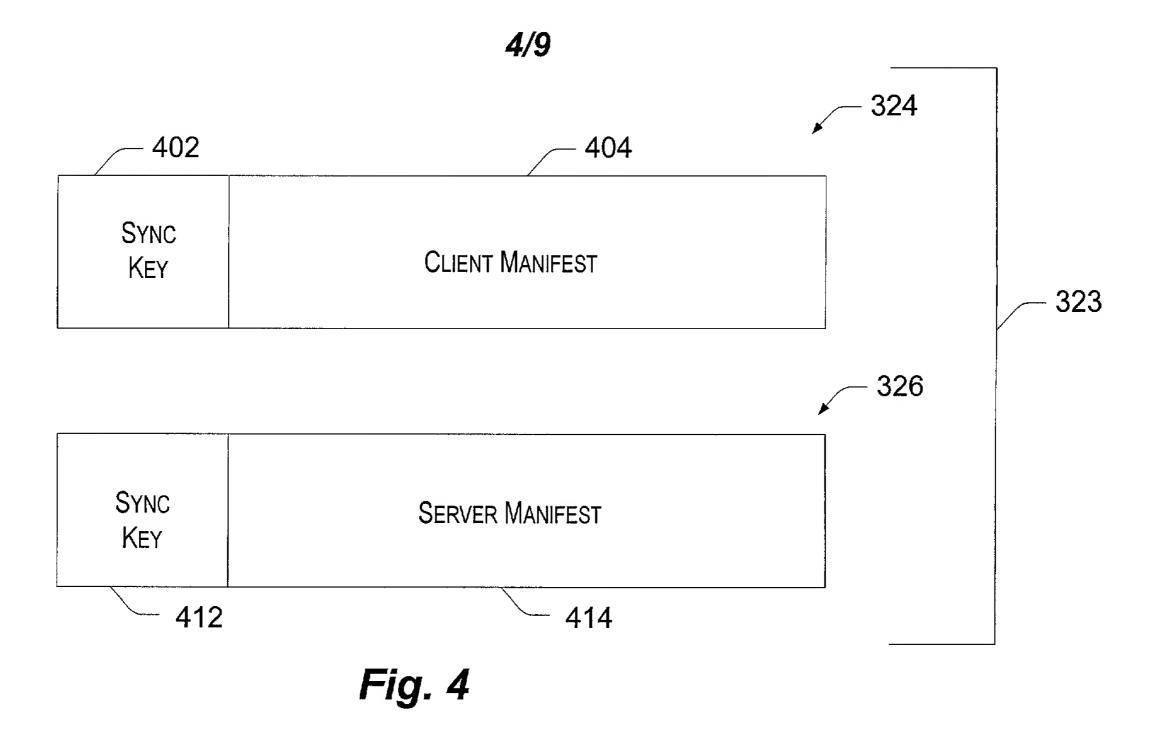


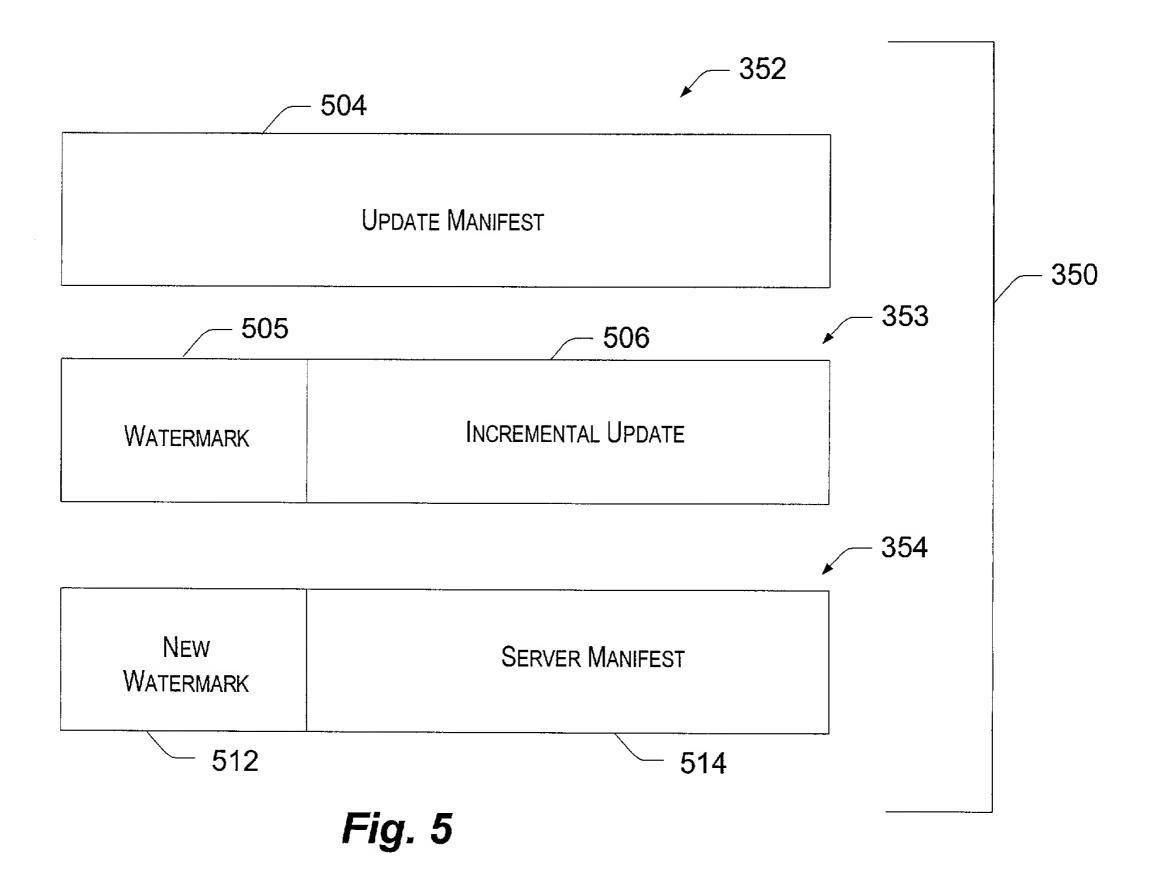
Fig. 2

Title: SYSTEM AND METHOD FOR RECOVERING FROM A FAILED SYNCHRONIZATION SESSION Inventors: Chen et al.



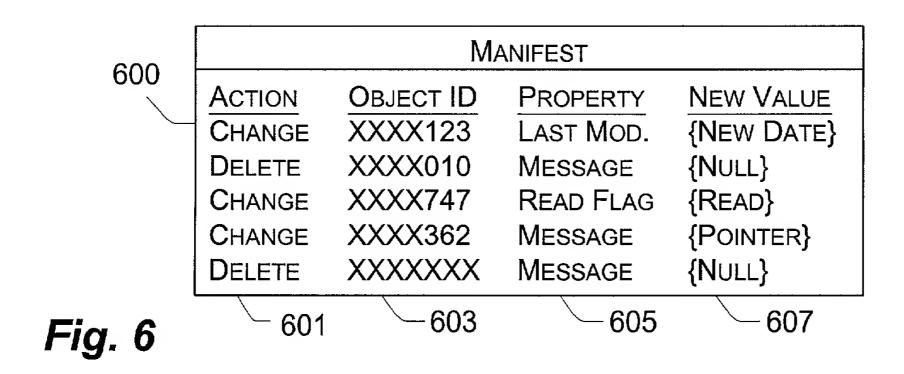
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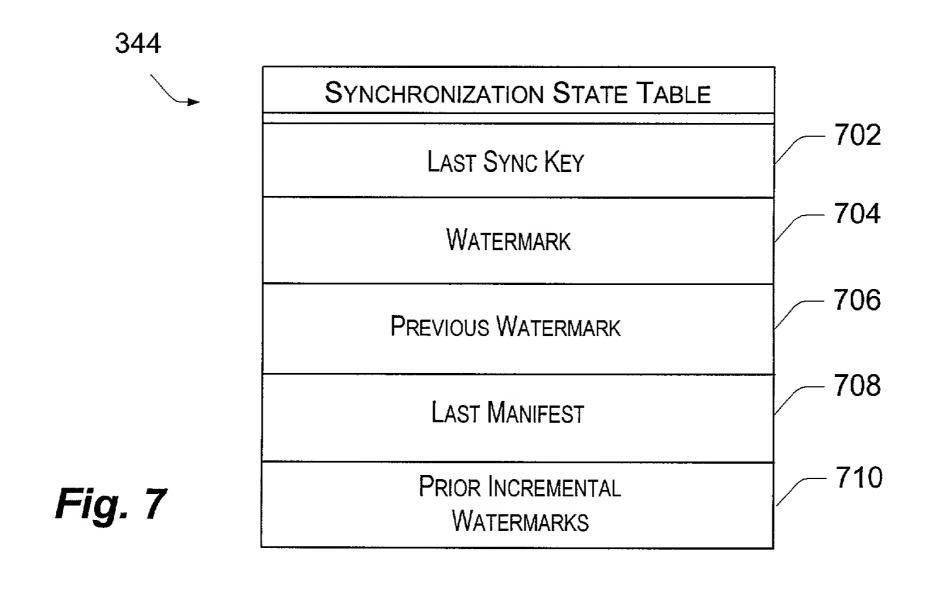




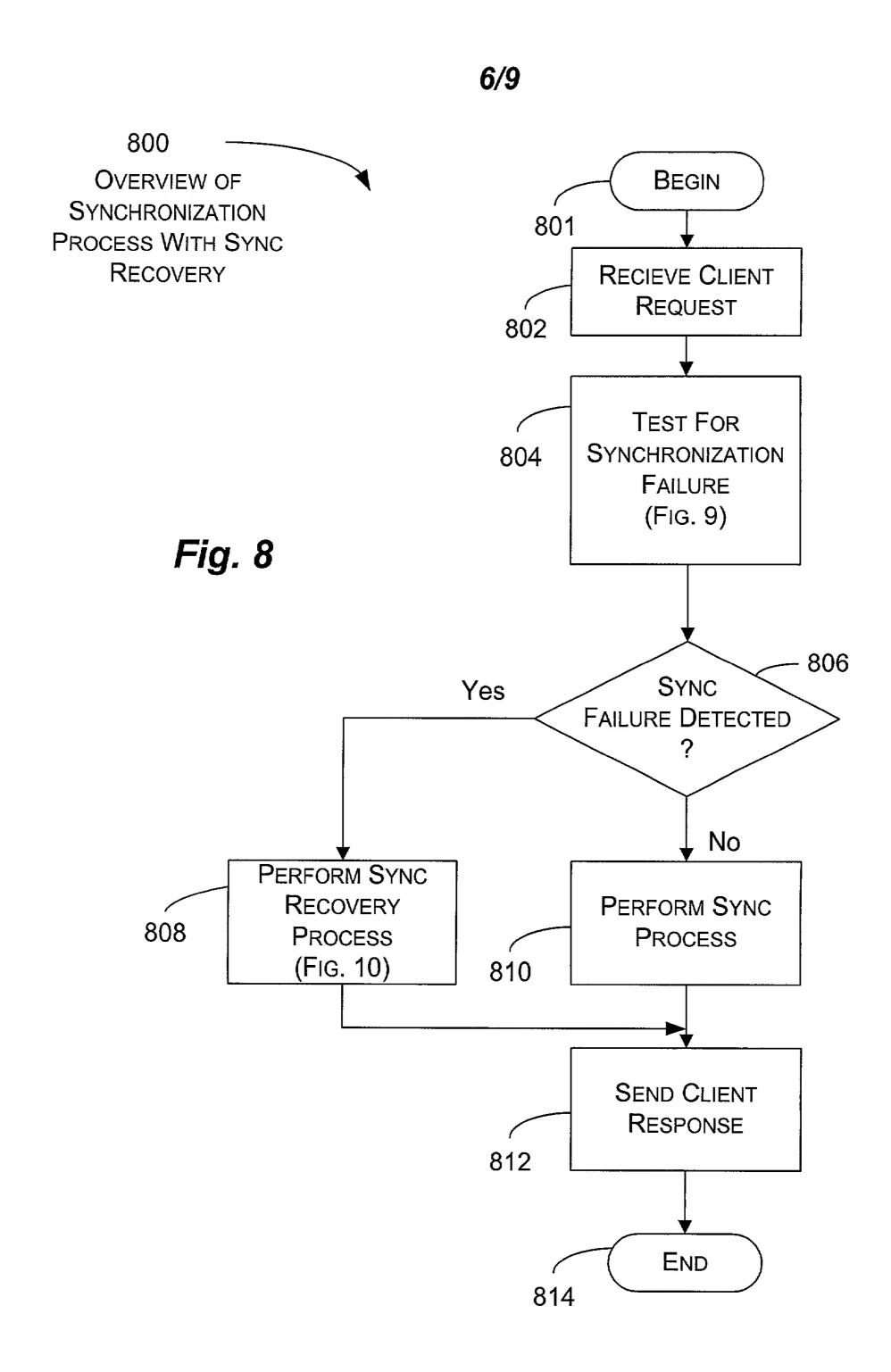
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5/9





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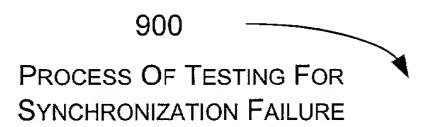
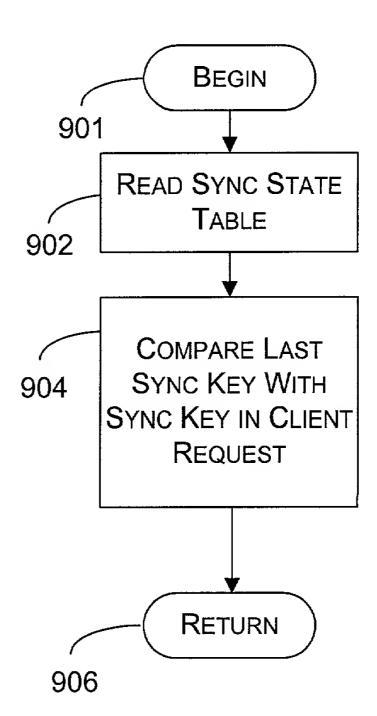


Fig. 9



Inventors: Chen et al. Docket No: M&G 50037.11US01

8/9

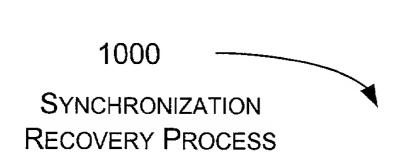
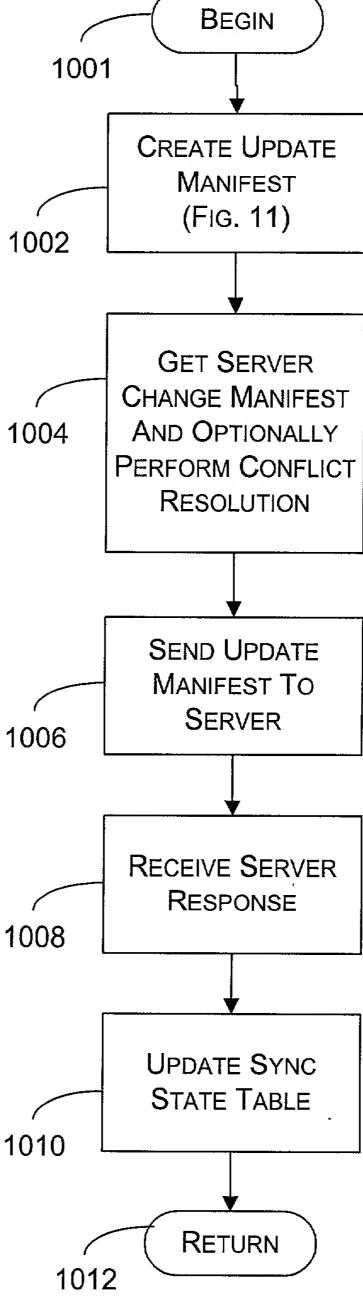


Fig. 10



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1102 —1104 -1106 -1108 1110 1100 **CURRENT** CASE LAST SAVED **UPDATE** CRITERIA FOR CREATING THE **MANIFEST MANIFEST MANIFEST UPDATE MANIFEST** 1120 IF SERVERID IN RST, RESUBMIT AS CHANGE. ADD OR ADD ADD IF SERVER ID DOES NOT EXIST, SUBMIT THE ADD **CHANGE** 1122 2 SEND ERROR TO CLIENT ADD **CHANGE** None 1123 2.5 SEND ERROR TO CLIENT ADD DELETE NONE 1124 NEWLY ADDED OBJECT IS DELETED, OBJECT 3 ADD DELETE RESUBMIT AS DELETE **INEXISTENT** 1126 SEND ERROR TO CLIENT 4 DELETE NONE ADD 1128 SUBMIT AS DELETE, IN CASE SERVER FAILED 5 DELETE DELETE **DELETE PRIOR TIME** 1130 6 DELETE CHANGE NONE SEND ERROR TO CLIENT 1132 7 CHANGE ADD None SEND ERROR TO CLIENT 1134 SUBMIT AS CHANGE IN ORDER TO UPDATE 8 CHANGE CHANGE CHANGE **ANY DIFFERENCES** 1136 9 CHANGE DELETE DELETE SUBMIT AS DELETE 10 Do nothing (error case; but nothing sent to the client) DELETE O-N-E NONE 11 CHANGE O-N-E NONE DO NOTHING (ERROR CASE; BUT NOTHING SENT TO THE CLIENT) 12 O-N-E PERFORM THE NEW ADD OPERATION ADD ADD 13 O-N-E **CHANGE** CHANGE PERFORM THE NEW CHANGE OPERATION 14 O-N-E DELETE PERFORM THE NEW DELETE OPERATION DELETE

Fig. 11